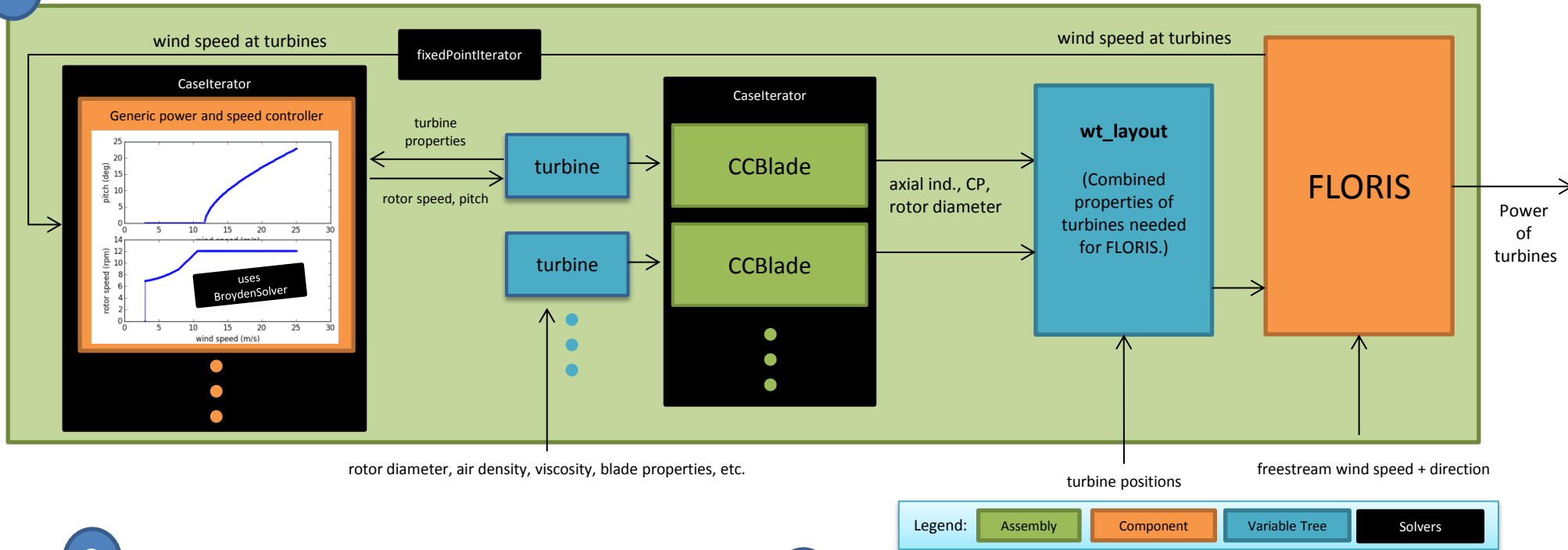


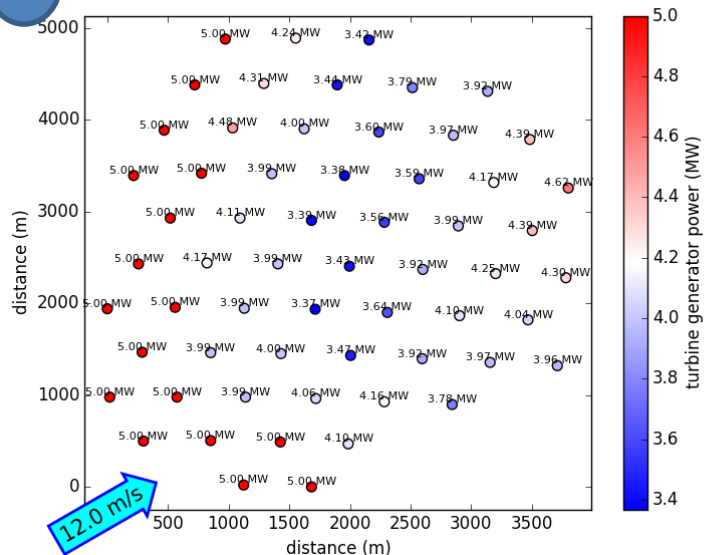
1

Coupled model: Control + CCBlade BEM + FLORIS wake model in OpenMDAO/WISDEM



2

Example results for Princess Amalia Windpark



3

Potential:

- Being able to perform full comparison with SOWFA for below- and above-rated
- Full AEP evaluation with/without wake control
- Combined optimization turbine design/selection, controls and layout

See also: <https://github.com/WISDEM/FLORISSE/tree/develop> for work in progress.